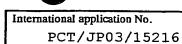


International application No.
PCT/JP03/15216

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ C02F3/10, 3/06, A01K63/04				
According to	o International Patent Classification (IPC) or to both na	tional classification and IPC	!	
B. FIELD	S SEARCHED			
Minimum de	ocumentation searched (classification system followed of C1 C02F3/10, 3/06, C12N11/00-	by classification symbols) 11/18		
	· · · · ·	•		
Documentat	ion searched other than minimum documentation to the ayo Shinan Koho 1926–1996	extent that such documents are included Toroku Jitsuyo Shinan Koho	in the fields searched 0 1994–2003	
Kokai	i Jitsuyo Shinan Koho 1971-2003	Jitsuyo Shinan Toroku Koho		
Electronic d	ata base consulted during the international search (nam	e of data base and, where practicable, sea	rch terms used)	
		•		
C. DOCU	MENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
Х	JP 11-221593 A (Tetsushi WAT	ANABE),	1-3	
	17 August, 1999 (17.08.99), Page 3, right column, lines 2	2 to 5		
	(Family: none)			
х	JP 7-8988 A (Ebara Infiruko	Kabushiki Kaisha,	1,2	
	Ebara Research Co., Ltd.), 13 January, 1995 (13.01.95),			
	Claims		•	
	(Family: none)			
х	JP 2000-246227 A (Kabushiki	Kaisha Nichibaku,	1-3	
	Kabushiki Kaisha Sansho), 12 September, 2000 (12.09.00)	,		
	Page 3, left column, lines 40			
	(Family: none)			
			:	
Further documents are listed in the continuation of Box C. See patent family annex.				
"A" docum	l categories of cited documents: ent defining the general state of the art which is not	"T" later document published after the inte priority date and not in conflict with the	he application but cited to	
"E" earlier	ered to be of particular relevance document but published on or after the international filing	"X" understand the principle or theory und document of particular relevance; the considered novel or cannot be consider	claimed invention cannot be	
	ent which may throw doubts on priority claim(s) or which is	step when the document is taken alone document of particular relevance; the		
special	establish the publication date of another citation or other reason (as specified)	considered to involve an inventive ste	p when the document is	
means	ent referring to an oral disclosure, use, exhibition or other	combination being obvious to a person "&" document member of the same patent	n skilled in the art	
than th	ent published prior to the international filing date but later e priority date claimed			
	actual completion of the international search (arch, 2004 (02.03.04)	Date of mailing of the international sear 16 March, 2004 (16	.03.04)	
Name and mailing address of the ISA/		Authorized officer		
_	nese Patent Office	Talanhana Na		
Facsimile N	0	Telephone No.		





ategory*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	JP 2002-86188 A (Miki Riken Kogyo Kabushiki Kaisha), 26 March, 2002 (26.03.02), Page 3, left column, lines 18 to 28 (Family: none)	1-5
Α .	JP 5-212279 A (Kyodo Kumiai Ratesuto), 24 August, 1993 (24.08.93), Claims (Family: none)	
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